

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A
FILING UNDER 35 U.S.C. 371**

186700/US

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/540356
Not Yet Assigned

INTERNATIONAL APPLICATION NO.

PCT/CN2003/001062

INTERNATIONAL FILING DATE

15 December 2003 (15.12.2003)

PRIORITY DATE CLAIMED

27 December 2002 (27.12.2002)

TITLE OF INVENTION

A KIND OF MULTIFUNCTIONAL ACTIVE WATER PREPARING DEVICE

APPLICANT(S) FOR DO/EO/US

ZHIWEI HOU, GUOCAI XUJIANG, ZHENGKE JIANG

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not transmitted by the International Bureau).
 - b. ☐ had been communicated by the International Bureau.
 - c. ☐ have not been made, however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4)
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

Return Postcard

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) 10/540356		INTERNATIONAL APPLICATION NO. PCT/CN2003/001062		ATTORNEY'S DOCKET NUMBER 186700/US									
21. The following fees have been submitted: <input checked="" type="checkbox"/> a) Basic national fee \$300.00				CALCULATIONS	PTO USE ONLY								
				\$ 300.00									
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-- 4)..... \$100.00 All other situations..... \$200.00													
				\$ 200.00									
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00													
TOTAL OF 21, 22 and 23 =				\$ 500.00									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Total Sheets</th> <th style="width:15%;">Extra Sheets</th> <th style="width:30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:15%;">RATE</th> </tr> <tr> <td>12 - 100</td> <td>0 /50 =</td> <td>0</td> <td>x \$250.00</td> </tr> </table>				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	12 - 100	0 /50 =	0	x \$250.00		
				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE						
				12 - 100	0 /50 =	0	x \$250.00						
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$130.00											
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE									
Total claims		4 -20 =	0	x \$50.00	\$0								
Independent claims		1 -3 =	0	x \$200.00	\$0								
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+	\$360.00								
TOTAL OF ABOVE CALCULATIONS =				\$1130.00									
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$565.00									
SUBTOTAL =				\$565.00									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$0									
TOTAL NATIONAL FEE =				\$565.00									
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$0									
TOTAL FEES ENCLOSED =				\$565.00									
				Amount to be refunded:	\$								
				charged:	\$								
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$565.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 04-1420 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1420 A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>													
SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER 25763													
Min (Amy) S. Xu Dorsey & Whitney LLP Intellectual Property Department Suite 1500 50 South Sixth Street Minneapolis, MN 55402-1498			Signature _____										
			Name <u>Min (Amy) S. Xu</u>										
			Min (Amy) S. Xu, Reg. No. 39,536										
			Registration Number _____										

10/540356

Attorney's Packet No. 186700/US

Express Mail Label No. EV535043901 US

JC20 Rec'd PCT/PTO 23 JUN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Zhiwei Hou

Appln. No.: Not Yet Assigned

Filed: Herewith

For: A KIND OF MULTIFUNCTIONAL
ACTIVE WATER PREPARING DEVICE

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

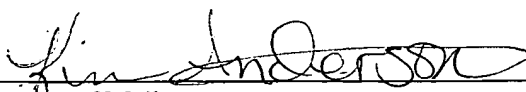
The undersigned hereby certifies that the following documents:

1. Certificate of Mailing by Express Mail;
2. Transmt'l Letter to the U.S. DO/EO/US Concerning a Filing under 35 U.S.C. § 371 (2pgs);
3. Check in the amount of \$565.00 filing fee;
4. Application Data Sheet (2 pgs);
5. Specification (8 pgs) and drawings (4 pgs) total of 8 pgs; English translation;
6. Copy of Int'l Pub. No. WO 2004/058648 A1 w/Int'l Search Report as filed in Chinese;
7. Preliminary Amendment (3 pgs.);
8. Return Postcard.

relating to the above application, were deposited as "Express Mail," Mailing Label No. EV 535043901 US with the United States Postal Service, addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2nd day of June, 2005.

Kim Anderson

(Mailer)



Signature of Mailer
DORSEY & WHITNEY LLP
USPTO Customer No. 2576